

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	234	219/86.25.cds.	US-PGPUB; USPAT	OR	ON	2009/07/31 13:18
L2	32	("3483412"   "3573517"   "3640138"   "3730488"   "3814962"   "3824420"   "3825781"   "3936683"   "4201935"   "4246505"   "4306128"   "5109720"   "5130585"   "5158279"   "5179304"   "5440183"   "5454278"   "5514925"   "5715504"   "5844340"   "5854521").PN. OR ("6084326").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/31 13:18
L3	30	("4425073"   "4841113"   "4984171").PN. OR ("5340960").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/31 13:18
L4	50	219/86.61 not L1	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/31 13:18
L5	160	219/86.33.cds. not L1 not L4 not L2 not L3	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/31 13:18
L6	179	219/90.cds. not L1 not L4 not L2 not L3 not L5	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/31 13:18
S1	3	"03099504"	US-PGPUB; USPAT; DERWENT	OR	ON	2008/12/02 15:13
S2	2	"20030222055"	US-PGPUB; USPAT; DERWENT	OR	ON	2008/12/02 15:14

S3	5	"3396261"	US-PGPUB; USPAT; DERWENT	OR	ON	2008/12/02 15:22
S4	0	DE10144731	US-PGPUB; USPAT; DERWENT	OR	ON	2008/12/02 15:23
S5	5	"10144731"	US-PGPUB; USPAT; DERWENT	OR	ON	2008/12/02 15:23
S6	2	"2822743"	US-PGPUB; USPAT	OR	ON	2008/12/02 15:37
S7	4	"2822743"	US-PGPUB; USPAT; DERWENT	OR	ON	2008/12/02 15:37
S8	1	"0830916"	US-PGPUB; USPAT; DERWENT	OR	ON	2008/12/02 15:38
S9	1	"00830916"	US-PGPUB; USPAT; DERWENT	OR	ON	2008/12/02 15:38
S10	4	"3327510"	US-PGPUB; USPAT; DERWENT	OR	ON	2008/12/02 15:39
S11	10	"1330329"	US-PGPUB; USPAT; DERWENT	OR	ON	2008/12/02 15:39
S12	8	"10034346"	US-PGPUB; USPAT; DERWENT	OR	ON	2008/12/02 15:40
S13	232	219/86.25.ccls.	US-PGPUB; USPAT	OR	ON	2008/12/02 15:42
S14	14	("1280818"   "2542629"   "3008034"   "4684778"   "4924055"   "5750953"   "5818007").PN. OR ("5928531").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/02 15:49

S15	14	("20030132201"   "3396261"   "3402308"   "5321225"   "5750953"   "5928531"   "6064028"   "6225590"   "6337456"   "6392185"   "6469272"   "6479783").PN. OR ("7435924").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/02 15:49
S16	18	("3744032"   "3802713"   "4438309"   "4485959"   "4947070"   "5510593"   "5598044"   "5747896"   "5924518"   "6047799"   "6075298"   "6081051"   "6084326"   "6204585"   "6225590"   "6239530"   "6337456").PN. OR ("6479783").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/02 15:50
S17	32	("3483412"   "3573517"   "3640138"   "3730488"   "3814962"   "3824420"   "3825781"   "3936683"   "4201935"   "4246505"   "4306128"   "5109720"   "5130585"   "5158279"   "5179304"   "5440183"   "5454278"   "5514925"   "5715504"   "5844340"   "5854521").PN. OR ("6084326").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/02 15:50

S18	12	("5225647"   "5340960"   "5386092"   "5484975"   "5528011"   "5582747"   "5898285").PN. OR ("6064028").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/02 15:53
S19	30	("4425073"   "4841113"   "4984171").PN. OR ("5340960").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/02 15:54
S20	5	("5340960"   "5405075"   "5510593"   "5582747"   "5883355").PN. OR ("6236011").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/02 16:04
S21	19	("1980228"   "3798407"   "4367397"   "4485289"   "4656327"   "4771160"   "4810849"   "4825031"   "5128510"   "5164564"   "5198633"   "5252801").PN. OR ("5739499").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/02 16:10
S22	6	("4825031"   "5099099"   "5252801"   "5739499"   "6252193"   "6706990").PN. OR ("6927357").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/02 16:12
S23	13	("4551605").PN. OR ("4771160").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/02 16:13
S24	14	("3045103").PN. OR ("4510370").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/02 16:21
S25	49	219/86.61 not S13	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/02 16:50

S26	199	(US-20070090096-\$ or US-20030039532-\$ or US-20030127432-\$ or US-20020008086-\$ or US-20040134888-\$ or US-20040144157-\$ or US-20040208031-\$ or US-20050045597-\$ or US-20050184031-\$ or US-20020134762-\$ or US-20040069750-\$ or US-20040144764-\$ or US-20060144835-\$ or US-20070107366-\$ or US-20060207974-\$ or US-20020180326-\$ or US-20050016970-\$). did. or (US-6225590-\$ or US-5528011-\$ or US-6201206-\$ or US- 6342686-\$ or US- 6706991-\$ or US- 6874655-\$ or US- 5371335-\$ or US- 4280687-\$ or US- 4453072-\$ or US- 4542276-\$ or US- 6153968-\$ or US- 5484975-\$ or US- 4609802-\$ or US- 5869799-\$ or US- 6078023-\$ or US- 6252193-\$ or US- 6518536-\$ or US- 6768078-\$ or US- 6903298-\$ or US- 6941826-\$ or US- 7060929-\$ or US- 7067768-\$ or US- 6167677-\$ or US- 4497995-\$ or US- 4513195-\$ or US- 4538084-\$).did. or (US- 4625773-\$ or US- 4816728-\$ or US- 5340960-\$ or US- 5493192-\$ or US- 5621672-\$ or US- 5866874-\$ or US- 5900171-\$ or US- 6019048-\$ or US- 6888089-\$ or US- 7002095-\$ or US- 7105771-\$ or US-	US-PGPUB; USPAT	OR	ON	2008/12/03 07:11
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4321451-\$ or US-  
3575256-\$ or US-  
3648798-\$ or US-  
4331524-\$ or US-  
4514611-\$ or US-  
5018855-\$ or US-  
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4301355-\$ or US-  
4303823-\$ or US-  
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		4315125-\$ or US- 4316072-\$ or US- 4322597-\$ or US- 4325166-\$ or US- 4327270-\$ or US- 4332004-\$ or US- 4340166-\$ or US- 4340804-\$ or US- 4340805-\$ or US- 4343984-\$ or US- 4350862-\$ or US- 4350868-\$ or US- 4352003-\$ or US- 4352971-\$ or US- 4354087-\$ or US- 4357751-\$).did. or (US- 4361747-\$ or US- 4367393-\$ or US- 4370539-\$ or US- 4371772-\$ or US- 4379963-\$ or US- 4380697-\$ or US- 4394559-\$ or US- 4409046-\$ or US- 4410782-\$ or US- 4417126-\$ or US- 4418267-\$ or US- 4420676-\$ or US- 4427868-\$ or US- 4438314-\$ or US- 4437906-\$ or US- 4437625-\$ or US- 4439665-\$ or US- 4449030-\$ or US- 4450018-\$ or US- 4451722-\$ or US- 4467175-\$).did.				
S27	5	("4151395"   "4158124"   "4192986").PN. OR ("4417128").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/03 07:44
S28	14	("1280818"   "2542629"   "3008034"   "4684778"   "4924055"   "5750953"   "5818007").PN. OR ("5928531").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/03 07:47



S29	44	("2021477" "2306593" "2349835" "2415082" "2472368" "2474816" "3396260" "3889094" "4419558" "4447697" "4473734" "4504725" "4517435" "4550236" "4551605" "4684778" "4771160" "4947017" "4985612" "5099099" "5113053" "5117337" "5225647" "5252801" "5254828" "5340960" "5386092" "5405075" "5412172" "5504297" "5528011" "5582747" "5789719" "5928531" "6232572" "6271496" "6596958").PN. OR ("7145097").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/03 07:48
S30	173	219/86.33.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/03 07:54
S31	232	219/86.25.ccls.	US-PGPUB; USPAT	OR	ON	2008/12/03 07:54

S32	32	("3483412"   "3573517"   "3640138"   "3730488"   "3814962"   "3824420"   "3825781"   "3936683"   "4201935"   "4246505"   "4306128"   "5109720"   "5130585"   "5158279"   "5179304"   "5440183"   "5454278"   "5514925"   "5715504"   "5844340"   "5854521").PN. OR ("6084326").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/03 07:54
S33	30	("4425073"   "4841113"   "4984171").PN. OR ("5340960").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/03 07:54
S34	49	219/86.61 not S31	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/03 07:54
S35	159	219/86.33.ccls. not S31 not S34 not S32 not S33	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/03 07:54
S36	439	219/89.ccls. not S31 not S34 not S32 not S33 not S35	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/03 07:56
S37	175	219/90.ccls. not S31 not S34 not S32 not S33 not S35	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/03 07:57
S38	11	"1291113"	EPO; DERWENT	OR	ON	2008/12/03 08:11

S39	13	("4229637"   "5074742"   "5105060"   "5146062"   "5233151"   "5248058"   "5285929"   "5359171"   "5508488"   "5798494"   "6011234"   "RE35914").PN. OR ("6653590").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/03 08:23
S40	20	("4904838"   "5026963"   "5239155"   "5386092"   "5528011"   "5818007"   "5898285"   "5914056"   "5981898"   "5988486"   "6064028"   "6075219").PN. OR ("6337456").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/03 08:24
S41	203	219/86.41.ccls. not S31 not S34 not S32 not S33 not S35 not S37	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/03 08:31
S42	68	S41 and (screw or spindle)	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/03 08:31
S43	3	("3553420"   "4441006"   "5483035").PN. OR ("6906276").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/03 08:33
S44	5	("6084195"   "6151124"   "6184487"   "6696660"   "6750418").PN. OR ("6870122").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/03 08:34
S45	2	("3705970").URPN.	USPAT	OR	ON	2008/12/03 08:43
S46	209	219/86.1.ccls. not S31 not S34 not S32 not S33 not S35 not S37	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/03 08:45

S47	209	219/86.1.ccls. not S31 not S34 not S32 not S33 not S35 not S37 not S41	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/03 08:45
S48	36	S47 and (screw or spindle)	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/03 08:45
S49	248	weld and electrode and guide and (servo or servomotor) and (screw or spindle)	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/03 08:51
S50	95	S49 and "219".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/03 08:52
S51	9	"735662"	JPO; DERWENT	OR	ON	2008/12/03 08:54
S52	12	("2503382"   "3437783"   "3514222"   "3663789"   "3692970"   "4510370"   "4529858").PN. OR ("4609802").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/03 08:58
S53	38	(US-20030222055-\$ or US-20020134763-\$ or US-20040069750-\$ or US-20050056619-\$ or US-20030132201-\$). did. or (US-3396261-\$ or US-7141752-\$ or US-6653590-\$ or US- 6337456-\$ or US- 5928531-\$ or US- 6479783-\$ or US- 6084326-\$ or US- 6791220-\$ or US- 6662672-\$ or US- 5454278-\$ or US- 5510593-\$ or US- 6064028-\$ or US- 5484975-\$ or US- 5340960-\$ or US- 6236011-\$ or US- 5988486-\$ or US- 5981898-\$ or US- 5814960-\$ or US- 5739499-\$ or US- 4771160-\$ or US- 4572940-\$ or US- 4510370-\$ or US- 4609802-\$ or US- 2474816-\$ or US- 4417128-\$ or US-	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2008/12/03 09:22

		4670642-\$).did. or (US-7145097-\$ or US-5405075-\$ or US-5113053-\$).did. or (US-3705970-\$).did. or (EP-1291113-\$ or FR-2822743-\$ or JP-10034346-\$).did.				
S54	1	S53 and clutch	US-PGPUB; USPAT	OR	ON	2008/12/03 09:22
S55	6	"5504297"	US-PGPUB; USPAT	OR	ON	2008/12/03 09:24
S56	2	weld and electrode and guide and (servo or servomotor) and (screw or spindle)	DERWENT	OR	ON	2008/12/03 09:32
S57	22	weld and electrode and (servo or servomotor) and (screw or spindle)	DERWENT	OR	ON	2008/12/03 09:33
S58	1	"05192774"	DERWENT	OR	ON	2008/12/03 10:32
S59	1	"6234075"	DERWENT	OR	ON	2008/12/03 10:35
S60	2538	"219".clas. and (servo or servomotor)	US-PGPUB; USPAT	OR	ON	2008/12/03 15:28
S61	46	"219".clas. and (servo or servomotor) and clutch	US-PGPUB; USPAT	OR	ON	2008/12/03 15:29
S62	41	(US-20030222055-\$ or US-20020134763-\$ or US-20040069750-\$ or US-20050056619-\$ or US-20030132201-\$). did. or (US-3396261-\$ or US-7141752-\$ or US-6653590-\$ or US-6337456-\$ or US-5928531-\$ or US-6479783-\$ or US-6084326-\$ or US-6791220-\$ or US-6662672-\$ or US-5454278-\$ or US-5510593-\$ or US-6064028-\$ or US-5484975-\$ or US-5340960-\$ or US-6236011-\$ or US-5988486-\$ or US-	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2008/12/05 08:02

		5981898-\$ or US-5814960-\$ or US-5739499-\$ or US-4771160-\$ or US-4572940-\$ or US-4510370-\$ or US-4609802-\$ or US-2474816-\$ or US-4417128-\$ or US-4670642-\$).did. or (US-7145097-\$ or US-5405075-\$ or US-5113053-\$ or US-6339203-\$).did. or (US-3705970-\$).did. or (EP-1291113-\$ or FR-2822743-\$ or JP-10034346-\$ or CN-201115894-\$ or JP-2005161335-\$).did.				
S63	4	S62 and brake	US-PGPUB; USPAT	OR	ON	2008/12/05 08:02
S64	6	"5504297"	US-PGPUB; USPAT	OR	ON	2008/12/05 08:03
S65	10	S62 and (brake or lock \$3)	US-PGPUB; USPAT	OR	ON	2008/12/05 08:08
S66	2247	(servo or servomotor) near (brak\$3 or lock \$3)	US-PGPUB; USPAT	OR	ON	2008/12/05 08:45
S67	26	S66 and weld	US-PGPUB; USPAT	OR	ON	2008/12/05 08:45
S68	1	(servo or servomotor) near (brak\$3 or lock \$3) near guide	US-PGPUB; USPAT	OR	ON	2008/12/05 08:51
S69	49	((servo or servomotor) near (brak\$3 or lock \$3)) same guide	US-PGPUB; USPAT	OR	ON	2008/12/05 08:51
S70	2	S62 and clutch	US-PGPUB; USPAT	OR	ON	2008/12/05 09:43
S71	547	(servo or servomotor) near (clutch)	US-PGPUB; USPAT	OR	ON	2008/12/05 09:45
S72	18	((servo or servomotor) near (clutch)) and spindle	US-PGPUB; USPAT	OR	ON	2008/12/05 09:45
S73	7	S62 and piston	US-PGPUB; USPAT	OR	ON	2008/12/05 09:48
S74	3	"5047608"	US-PGPUB; USPAT	OR	ON	2008/12/08 07:05

S75	8	"4390770"	US-PGPUB; USPAT	OR	ON	2008/12/08 07:06
S76	11	"4290239"	US-PGPUB; USPAT	OR	ON	2008/12/08 07:08
S77	12	"4267424"	US-PGPUB; USPAT	OR	ON	2008/12/08 07:32

7/31/2009 1:18:58 PM

C:\Documents and Settings\bjennison\My Documents\ EAST\ Workspaces\ 10-583193.wsp